



OIIPE

RAW SEQUENCE LISTING

DATE: 03/27/2002 8.5

PATENT APPLICATION: US/09/940,550A

TIME: 14:30:58

Input Set : A:\16313055.app

Output Set: N:\CRF3\03272002\I940550A.raw

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3 <110> APPLICANT: MANKIN, LUKE
4   MCKERSIE, BRYAN
6 <120> TITLE OF INVENTION: SELF-EXCISING POLYNUCLEOTIDES AND USES THEREOF
8 <130> FILE REFERENCE: 16313-0055
10 <140> CURRENT APPLICATION NUMBER: 09/940,550A
11 <141> CURRENT FILING DATE: 2001-08-27
13 <150> PRIOR APPLICATION NUMBER: 60/227,961
14 <151> PRIOR FILING DATE: 2000-08-25
16 <160> NUMBER OF SEQ ID NOS: 12
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49 <213> ORGANISM: Artificial Sequence
51 <220> FEATURE:
52 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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83 <211> LENGTH: 30
84 <212> TYPE: DNA
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129 tatataataa ttatcattaa ttagtagtaa tataatattt caaatatttt ttccaaaata 120
130 aaagaatgta gtatatagca attgcttttc ttagtattat aagtgtgtat attttaattt 180
131 ataacttttc taatatatga ccaaaatttg ttgatgtgca ggtacgcggg tgcttacgac 240
132 cgtcagtcgc gcgagcgcca gaattcgagc gcagcaagcc cagcgacaca gcgtagcgcc 300
133 aacgaagaca aggcggccga ccttcagcgc gaagtcgagc gcgacggggg ccggttcagg 360
134 ttcgtcgggc atttcagcga agcgcggggc acgtcggcgt tcgggacggc ggagcgccc 420
135 gaggttcgaac gcacccgaa cgaatgcgcg gccggggcgc tcaacatgat cattgtctat 480

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138 atggacctga ttcacctgat tatgcggctc gacgcgtcgc acaaagaatc ttcgctgaag 660
139 tcggcgaaga ttctcgacac gaagaacctt cagcgcgaat tgggcgggta cgtcggcggg 720
140 aaggcgccctt acggcttcga gcttgtttcg gagacgaagg agatcacgcg caacggccga 780
141 atggtcaatg tcgtcatcaa caagcttgcg cactcgacca ctcccttac cggaccttc 840
142 gagttcgagc ccgacgtaat ccggtggtgg tggcgtgaga tcaagacgca caaacacctt 900
143 ccttcaagc cgggcagtca agccgccatt caccgggca gcacacggg gctttgtaag 960
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147 taccgcattc agcgcgacct gatcacgctc cggccggctc agcttgattg cggaccgatc 1200
148 atcgagcccg ctgagtggtg tgagcttcag gcgtggttgg accgcagggg gcgcggcaag 1260
149 gggctttccc gggggcaagc cattctgtcc gccatggaca agctgtactg cgagtgtggc 1320
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166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Description of Artificial Sequence: C3lint* DNA
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176 aaagaatgta gtatatagca attgctttt ttagtattat aagtgtgtat attttaattt 180
177 ataacttttc taatatatga ccaaaatttg ttgatgtgca ggtacgcggg tgcttacgac 240
178 cgtcagtcgc gcgagcgcga gaatagcagt gcagcaagcc cagcgacaca gcgtagcgc 300
179 aacgaagaca aggcggccga ccttcagcgc gaagtcgagc gcgacgggg ccggttcagg 360
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181 gagttcgaac gcacctgaa cgaatgcgc gccgggcggc tcaacatgat cattgtctat 480
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184 atggacctga ttcacctgat tatgcggctc gacgcgtcgc acaaagaatc ttcgctgaag 660
185 tcggcgaaga ttctcgacac gaagaacctt cagcgcgaat tgggcgggta cgtcggcggg 720
186 aaggcgccctt acggcttcga gcttgtttcg gagacgaagg agatcacgcg caacggccga 780
187 atggtcaatg tcgtcatcaa caagttagcg cactcgacca ctcccttac cggaccttc 840
188 gagttcgagc ccgacgtaat ccggtggtgg tggcgtgaga tcaagacgca caaacacctt 900

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191 agcgccctggg acccggaac cgttatgcga atccttcggg acccgctat tgcgggcttc 1080
192 gccgctgagg tgatctacaa gaagaagccg gacggcacgc cgaccacgaa gattgaggg 1140
193 taccgcattc agcgcgaccc gatcacgctc cggccgggtcg agcttgattg cggaccgac 1200
194 atcgagcccg ctgagtggtg tgagcttcag gcgtgggttg acggcagggg gcgcggcaag 1260
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206 agggggcagg gaacgcccac cgagaagcgc gcttcgatca cgtgggcgaa gccgcccacc 1980
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221 <222> LOCATION: (1984)
222 <223> OTHER INFORMATION: a, t, c, g, other or unknown
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225 <221> NAME/KEY: modified_base
226 <222> LOCATION: (1986)
227 <223> OTHER INFORMATION: a, t, c, g, other or unknown
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236 <222> LOCATION: (5233)
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241 <222> LOCATION: (8478)
242 <223> OTHER INFORMATION: a, t, c, g, other or unknown
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245 <221> NAME/KEY: modified_base
246 <222> LOCATION: (8480)

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247 <223> OTHER INFORMATION: a, t, c, g, other or unknown
 249 <400> SEQUENCE: 11

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252 gtactgaatt aacatccgtt tgatacttgt ctaaaattgg ctgatttcga gtgcatttat 180
253 gcataaaaaac aatctaatga caattattac caagcaggat caccgggtgcc agggcgtgcc 240
254 ctggggtccc ccggggcgagg ccggggcaat tcccatcttg aaagaaatat agtttaaata 300
255 tttattgata aaataagtca ggtattatag tccaagcaaa aacataattt attgatgcaa 360
256 agtttaaatt cagaaatatt tcaataactg attatatcag ctggtacatt gccgtagatg 420
257 aaagactgag tgcgatatta tgtgtaatac ataaattgat gatatagcta gcttagctca 480
258 tcgggggagc cttaatcgac tctagctaga acgaattggt aggtggcggg acttgggtcg 540
259 atatcaaagt gcataccttc tcccgtagt cccaactttg tatagagagc cactgcggga 600
260 tcgtcaccgt aatctgcttg cactagatc acataagcac caagcgcgtt ggccctcatgc 660
261 ttgaggagat tgatgagcgc ggtggcaatg cccgtccctc ggtgctcgcc ggagactgcg 720
262 agatcataga tatagatctc actacgcggc tgcctaaaacc tgggcagaac gtaagccgcg 780
263 agagcgccaa caaccgcttc ttggtcgaag gcagcaagcg cgatgaatgt cttactacgg 840
264 agcaagttcc cgaggtaatc ggagtcgggc tgatgttggg agtaggtggc tacgtctccg 900
265 aactcacgac cgaaaagatc aagagcagcc cgcattggatt tgacttggtc agggccgagc 960
266 ctacatgtgc gaatgatgcc catcctcgag aaacgtttgt aatcgatggc ttctgggtgc 1020
267 tccagatata cgggtggtttg tgccggttgt gtgctggcaa tcacctggcc gccacgtacc 1080
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276 cttcatggt gcgccagggc agcaacggtt tcgacaaagc gcgactgctc gtcacgac 1620
277 tcatcacagt gaacgtcgat gagacggtcg ttttttgcg ccagggcgaa ggttttatgc 1680
278 agcgactcca cgcggtatcc acgggtaaat tcaaatgcg gaatcgcccc cactacatct 1740
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295 ctgtccataa aaccgcccag tctagctatc gccatgtaag cccactgcaa gctacctgct 2760
296 ttctctttgc gcttgcgttt tcccttgctc agatagccca gtagctgaca ttcacccggg 2820

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Use of n and/or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa

VERIFICATION SUMMARY

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Input Set : A:\16313055.app

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L:283 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11

L:337 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11

L:391 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11